

HR31 Project Management Training																
Revised September 1997																
Non-Project Managers Qualification Standard (May 1995)																
Nuclear Safety Systems																
Required Competencies:																
4.3 Working level knowledge of program/project management practices and the application of contractor resources to meet commitments to nuclear safety, quality, cost, and schedule in accordance with DOE Orders 4700.1, Project Management System, and 4700.4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4.3a. Explain the purpose of project management within the Department and describe the life cycle of a typical project	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4.3b. Describe the primary roles and responsibilities of nuclear safety personnel as outlined in DOE Order 4700.1, Project Management System, and DOE Order 4700.4, Project Management Certification	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4.3c. Describe typical documents and data sources utilized in project management	F	F	F	F	F	F	F	F	F	F	W	W	W	F	F	F
4.3d. Identify and explain the major elements of a project and discuss their relationship	F	F	F	F	F	F	F	F	F	F						F
4.3e. Explain the purpose and use of a Project Management Plan (PMP)	F	F	F	F	F											F
4.3f. Discuss the role of configuration management as it relates to project management	F	F	F	F	F											
4.3g. Discuss the role of quality assurance as it relates to project management	F	F	F	F	F	F	F	F	F	F						
4.3h. Explain the use of safety plans in the management of projects	F	F	F	F							F	F				
4.3i. Discuss the relationship between work breakdown structure (WBS) and cost and schedule	F	F	F	F	F	F	F	F	F	F				F	F	F
4.3j. Describe the purpose and use of work packages and/or planning	F	F	W	F	W									F	F	

packages														
4.3k. Describe the purpose of schedules and discuss the use of milestones and activities	F	F	F	F	F		F		F	W	F	F		
4.3l. Describe the critical path method of scheduling	F	F		W	F				F	F	F	F		
4.3m. Explain the concept of a project management baseline and describe the four baselines used in project management	F	F	W	W	W	F	F	F			F	F	F	F